



[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)

Search: ☒ The ACM Digital Library ☐ The Guide

SEARCH

Searching within **The ACM Digital Library** with **Advanced Search**: (hidden and timestamp and column) and (table or database) ([start a new search](#))

Found 28 of 251,048

REFINE YOUR SEARCH

Search Results • **Related Journals** • **Related SIGs** • **Related Conferences**

Results 1 - 20 of 28

Sort by in

[Save results to a Binder](#)

Result page: 1 [2](#) [next](#) [>>](#)

1 [Supporting personal collections across digital libraries in spatial hypertext](#)

Frank M. Shipman, Haowei Hsieh, J. Michael Moore, Anna Zacchi

June JCDL '04: Proceedings of the 4th ACM/IEEE-CS joint conference on Digital libraries

Publisher: ACM [Request Permissions](#)

Full text available: Pdf (2.38 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 65, Citation Count: 4

Creating, maintaining, or using a digital library requires the manipulation of digital documents. Information workspaces provide a visual representation allowing users to collect, organize, annotate, and author information. The Visual Knowledge Builder(VKB) ...

Keywords: collection organization, incremental formalization, information triage, information visualization, metadata, spatial hypertext

2 [External memory algorithms and data structures: dealing with massive data](#)

Jeffrey Scott Vitter

June Computing Surveys (CSUR) , Volume 33 Issue 2
2001

Publisher: ACM [Request Permissions](#)

Full text available: Pdf (828.46 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 107, Downloads (12 Months): 934, Citation Count: 95

Data sets in large applications are often too massive to fit completely inside the computers internal memory. The resulting input/output communication (or I/O) between fast internal memory and slower external memory (such as disks) can be a major performance ...

Keywords: B-tree, I/O, batched, block, disk, dynamic, extendible hashing, external memory, hierarchical memory, multidimensional access methods, multilevel memory, online, out-of-core, secondary storage, sorting

Refine by Keywords

[Discovered Terms](#)

SEARCH

Refine by People

[Names](#)
[Institutions](#)
[Authors](#)
[Reviewers](#)

Refine by Publications

[Publication Year](#)
[Publication Names](#)
[ACM Publications](#)
[All Publications](#)
[Publishers](#)

Refine by Conferences

[Sponsors](#)
[Events](#)
[Proceeding Series](#)

ADVANCED SEARCH

[Advanced Search](#)

FEEDBACK

[Please provide us with feedback](#)

Found 28 of 251,048

3 [A framework for constructing features and models for intrusion detection systems](#)



Wenke Lee, Salvatore J. Stolfo

November 2000 **Transactions on Information and System Security (TISSEC)**, Volume 3 Issue 4

Publisher: ACM [Request Permissions](#)

Full text available: [PDF](#) (187.03 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#), [review](#)

Bibliometrics: Downloads (6 Weeks): 83, Downloads (12 Months): 617, Citation Count: 52

Intrusion detection (ID) is an important component of infrastructure protection mechanisms. Intrusion detection systems (IDSs) need to be accurate, adaptive, and extensible. Given these requirements and the complexities of today's network environments, ...

Keywords: data mining, feature construction, intrusion detection

4 [Effective Web data extraction with standard XML technologies](#)



Jussi Myllymaki

April 2001 **WWW '01: Proceedings of the 10th international conference on World Wide Web**

Publisher: ACM

Full text available: [PDF](#) (198.81 KB) Additional Information: [full citation](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 8, Downloads (12 Months): 74, Citation Count: 8

Keywords: crawling, data extraction, deep Web, semistructured data, wrappers

5 [HydroJ: object-oriented pattern matching for evolvable distributed systems](#)



Keunwoo Lee, Anthony LaMarca, Craig Chambers

November 2003 **OOPSLA '03: Proceedings of the 18th annual ACM SIGPLAN conference on Object-oriented programming, systems, languages, and applications**

Publisher: ACM [Request Permissions](#)

Full text available: [PDF](#) (311.06 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 60, Citation Count: 8

In an evolving software system, components must be able to change independently while remaining compatible with their peers. One obstacle to independent evolution is the *brittle parameter problem*: the ability of two components to communicate can ...

Keywords: HydroJ, XML, distributed systems, dynamic dispatch, object-oriented programming, pattern matching, semi-structured data, software evolution, ubiquitous computing

Also published in:

November 2003 **SIGPLAN Notices** Volume 38 Issue 11

6 [Display space usage and window management operation comparisons between single monitor and multiple monitor users](#)



Dugald Ralph Hutchings, Greg Smith, Brian Meyers, Mary Czerwinski, George Robertson

May AVI '04: Proceedings of the working conference on Advanced visual interfaces

Publisher: ACM

Full text available: Pdf (91.48 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 12, Downloads (12 Months): 135, Citation Count: 22

The continuing trend toward greater processing power, larger storage, and in particular increased display surface by using multiple monitor supports increased multi-tasking by the computer user. The concomitant increase in desktop complexity has the ...

Keywords: UI logs, automation, multiple monitors, space management, user interaction, window management

7 [Effective timestamping in databases](#)

Kristian Torp, Christian S. Jensen, Richard Thomas Snodgrass

February The VLDB Journal — The International Journal on Very Large Data Bases , Volume 8 Issue 3-4

Publisher: Springer-Verlag New York, Inc.

Full text available: Pdf (198.04 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 76, Citation Count: 9

Many existing database applications place various timestamps on their data, rendering temporal values such as dates and times prevalent in database tables. During the past two decades, several dozen temporal data models have appeared, all with timestamps ...

Keywords: Timestamping, Transactions

8 [Cluster communication protocols for parallel-programming systems](#)



Kees Verstoep, Raouf A. F. Bhoedjati, Tim Rühl, Henri E. Bal, Rutger F. H. Hofman

August Transactions on Computer Systems (TOCS) , Volume 22 Issue 3

Publisher: ACM [Request Permissions](#)

Full text available: Pdf (1.29 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#), [review](#)

Bibliometrics: Downloads (6 Weeks): 13, Downloads (12 Months): 116, Citation Count: 0

Clusters of workstations are a popular platform for high-performance computing. For many parallel applications, efficient use of a fast interconnection network is essential for good performance. Several modern System Area Networks include programmable ...

Keywords: Clusters, parallel-programming systems, system area networks

9 [A multimodal learning interface for grounding spoken language in sensory perceptions](#)



Chen Yu, Dana H. Ballard

July **Transactions on Applied Perception (TAP)**, Volume 1 Issue 1
2004

Publisher: ACM [Request Permissions](#)

Full text available: [PDF](#) (1.73 MB) **Additional Information:** [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 11, Downloads (12 Months): 97, Citation Count: 5

We present a multimodal interface that learns words from natural interactions with users. In light of studies of human language development, the learning system is trained in an unsupervised mode in which users perform everyday tasks while providing ...

Keywords: Multimodal learning, cognitive modeling, multimodal interaction

10 [ChangeDetector™: a site-level monitoring tool for the WWW](#)



Vijay Boyapati, Kristie Chevrier, Avi Finkel, Natalie Gance, Tom Pierce, Robert Stockton, Chip Whitmer

May **WWW '02: Proceedings of the 11th international conference on World Wide Web**
2002 Web

Publisher: ACM

Full text available: [PDF](#) (582.12 KB) **Additional Information:** [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 65, Citation Count: 9

This paper presents a new challenge for Web monitoring tools: to build a system that can monitor entire web sites effectively. Such a system could potentially be used to discover "silent news" hidden within corporate web sites. Examples of silent news ...

Keywords: URL monitoring, classification, information extraction, intelligent crawling, machine learning

11 [Mining specifications](#)



Glenn Ammons, Rastislav Bodik, James R. Larus

January **POPL '02: Proceedings of the 29th ACM SIGPLAN-SIGACT symposium on 2002 Principles of programming languages**

Publisher: ACM [Request Permissions](#)

Full text available: [PDF](#) (305.87 KB) **Additional Information:** [full citation](#), [abstract](#), [references](#), [cited by](#)

Bibliometrics: Downloads (6 Weeks): 22, Downloads (12 Months): 142, Citation Count: 73

Program verification is a promising approach to improving program quality, because it can search all possible program executions for specific errors. However, the need to formally describe correct behavior or errors is a major barrier to the widespread ...

Also published in:

January 2002 **SIGPLAN Notices** Volume 37 Issue 1

12 [Geographic location tags on digital images](#)



[Kentaro Toyama, Ron Logan, Asta Roseway](#)

November **MULTIMEDIA '03: Proceedings of the eleventh ACM international conference on Multimedia**

Publisher: ACM [Request Permissions](#)

Full text available: [PDF](#) (1.97 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 28, Downloads (12 Months): 267, Citation Count: 47

We describe an end-to-end system that capitalizes on geographic location tags for digital photographs. The World Wide Media eXchange (WWMX) database indexes large collections of image media by several pieces of metadata including timestamp, owner, and ...

Keywords: GIS, digital photography, geographic interfaces, image databases

13 [Distance-based outliers: algorithms and applications](#)

[Edwin M. Knorr, Raymond T. Ng, Vladimir Tucakov](#)

February **The VLDB Journal — The International Journal on Very Large Data Bases**, Volume 8 Issue 3-4

Publisher: Springer-Verlag New York, Inc.

Full text available: [PDF](#) (613.90 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 29, Downloads (12 Months): 192, Citation Count: 38

This paper deals with finding outliers (exceptions) in large, multidimensional datasets. The identification of outliers can lead to the discovery of truly unexpected knowledge in areas such as electronic commerce, credit card fraud, and even the analysis ...

Keywords: Algorithms, Data mining, Data mining applications, Outliers/exceptions

14 [Pavlov: an interface builder for designing animated interfaces](#)



[David Wolber](#)

December **Transactions on Computer-Human Interaction (TOCHI)**, Volume 1997 4 Issue 4

Publisher: ACM [Request Permissions](#)

Full text available: [PDF](#) (1.09 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#), [review](#)

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 41, Citation Count: 7

Conventional interface builders provide little support for interactive development of interfaces with application-specific graphics. Some Programming by Demonstration (PBD) systems do provide such support, but none provide full support for demonstrating ...

Keywords: animation, programming by demonstration, user interface design environments

15 [A sensor network application construction kit \(SNACK\)](#)



[Ben Greenstein](#), [Eddie Kohler](#), [Deborah Estrin](#)

November **SenSys '04**: Proceedings of the 2nd international conference on
2004 Embedded networked sensor systems

Publisher: ACM [Request Permissions](#)

Full text available: [PDF](#) (214.69
KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#),
[index terms](#)

Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 57, Citation Count: 17

We propose a new configuration language, component and service library, and compiler that make it easier to develop efficient sensor network applications. Our goal is the construction of smart application service libraries: high-level libraries that ...

Keywords: NesC, TinyOS, configuration languages, sensor networks

16 [Fast detection of communication patterns in distributed executions](#)

[Thomas Kunz](#), [Michiel F. H. Seuren](#)

November **CASCON '97**: Proceedings of the 1997 conference of the Centre for
1997 Advanced Studies on Collaborative research

Publisher: IBM Press

Full text available: [PDF](#) (4.21
MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 84, Downloads (12 Months): 396, Citation Count: 0

Understanding distributed applications is a tedious and difficult task. Visualizations based on process-time diagrams are often used to obtain a better understanding of the execution of the application. The visualization tool we use is Poet, an event ...

17 [A comparative study of parallel and sequential priority queue algorithms](#)



[Robert Rönnegren](#), [Rassul Ayani](#)

April **Transactions on Modeling and Computer Simulation (TOMACS)**,
1997 Volume 7 Issue 2

Publisher: ACM [Request Permissions](#)


Full text available: [PDF](#) (640.10
KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#),
[index terms](#), [review](#)

Bibliometrics: Downloads (6 Weeks): 15, Downloads (12 Months): 129, Citation Count: 13




Priority queues are used in many applications including real-time systems, operating systems, and simulations. Their implementation may have a profound effect on the performance of such applications. In this article, we study the performance of well-known ...

Keywords: parallel access priority queue, pending event set implementations, priority queue

- 18 [Topology discovery in heterogeneous IP networks: the *NetInventory* system](#)
[Yuri Breitbart](#), [Minos Garofalakis](#), [Ben Jai](#), [Cliff Martin](#), [Rajeev Rastogi](#), [Avi Silberschatz](#)
June 2004 **IEEE/ ACM Transactions on Networking (TON)** , Volume 12 Issue 3
Publisher: IEEE Press
Full text available:  [Pdf](#) (435.97 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#), [review](#)
Bibliometrics: Downloads (6 Weeks): 39, Downloads (12 Months): 326, Citation Count: 2

Knowledge of the up-to-date physical topology of an IP network is crucial to a number of critical network management tasks, including reactive and proactive resource management, event correlation, and root-cause analysis. Given the dynamic nature of ...

Keywords: IP network management, SNMP MIBs, physical network topology, switched Ethernet




- 19 [Hybrid dynamic data race detection](#)
 [Robert O'Callahan](#), [Jong-Deok Choi](#)
June 2003 **PPoPP '03: Proceedings of the ninth ACM SIGPLAN symposium on 2003 Principles and practice of parallel programming**
Publisher: ACM  [Request Permissions](#)
Full text available:  [Pdf](#) (158.47 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)
Bibliometrics: Downloads (6 Weeks): 35, Downloads (12 Months): 259, Citation Count: 42

We present a new method for dynamically detecting potential data races in multithreaded programs. Our method improves on the state of the art in accuracy, in usability, and in overhead. We improve accuracy by combining two previously known race detection ...

Keywords: Java, dynamic race detection, happens-before, lockset hybrid

Also published in:

October 2003 **SIGPLAN Notices** Volume 38 Issue 10

- 20 [Invariance in motion analysis of videos](#)
 [Cen Rao](#), [Mubarak Shah](#), [Tanveer Syeda-Mahmood](#)
November 2003 **MULTIMEDIA '03: Proceedings of the eleventh ACM international conference on Multimedia**
Publisher: ACM  [Request Permissions](#)
Full text available:  [Pdf](#) (539.14 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)
Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 43, Citation Count: 0

In this paper, we propose an approach that retrieves motion of objects from the videos based on the dynamic time warping of view invariant characteristics. The motion is represented as a sequence of dynamic instants and intervals, which are automatically ...

Keywords: human actions, learning, spatiotemporal curvature, view-invariant action representation, view-invariant dynamic time warping, view-invariant measure

Result page: 1 [2](#) [next](#)

[>>](#)

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2009 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads:  [Adobe Acrobat](#)  [QuickTime](#)  [Windows Media Player](#)  [Real Player](#)